

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/802763	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 10:42
S2	3	((RYOSUKE) near2 (YOSHIHIRO)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 10:34
S3	5	((MORIMITSU) near2 (KAJIWARA)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 10:35
S5	3	((("5165863") or ("5332365") or ("6688853"))).PN.	USPAT; USOCR	OR	OFF	2007/02/12 10:43
S6	15	("20020067994"   "20020141881"   "5145326"   "5173032"   "5890876"   "5964578"   "5975859"   "6010312"   "6059538"   "6062823"   "6062824"   "6102670"   "6142445"   "6146106"   "6352057").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 11:56
S7	15	("4037993"   "4171191"   "4428718"   "4526516"   "4606705"   "4621983"   "4685866"   "4688997"   "4723891"   "4730986"   "5071321"   "5092741"   "5094589"   "5145326"   "5174727").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 12:01
S8	12	("4231713"   "4526516"   "4533299"   "4606705"   "4688997"   "4730986"   "4747753"   "4780059"   "4842488"   "4913626"   "5051067"   "5094589").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 12:04
S9	19	("5332365").URPN.	USPAT	OR	OFF	2007/02/12 12:06
S10	12	("5165863").URPN.	USPAT	OR	OFF	2007/02/12 12:15
S11	3050	TDK.as.	USPAT	OR	OFF	2007/02/12 12:15
S12	10	TDK.as. and compressor	USPAT	OR	OFF	2007/02/12 12:16
S13	15	TDK.as. and compressor	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:16
S14	34	417/222.2.ccls. and "spool valve"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 12:29

## EAST Search History

S15	22	(US-20020141881-\$).did. or (US-6688853-\$ or US-5332365-\$ or US-5165863-\$ or US-6146106-\$ or US-6142445-\$ or US-6062824-\$ or US-6062823-\$ or US-6059538-\$ or US-6010312-\$ or US-5975859-\$ or US-5964578-\$ or US-5890876-\$ or US-4730986-\$ or US-4428718-\$ or US-5094589-\$ or US-6394761-\$ or US-6352416-\$ or US-6217290-\$ or US-6974311-\$ or US-6213727-\$ or US-5286172-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:26
S16	10613	"22" and "spool valve"	USPAT; USOCR	OR	OFF	2007/02/12 12:26
S17	2	S15 and "spool valve"	USPAT; USOCR	OR	OFF	2007/02/12 12:26
S18	25	(US-20020141881-\$ or US-20040057840-\$ or US-20010016168-\$).did. or (US-6688853-\$ or US-5332365-\$ or US-5165863-\$ or US-6146106-\$ or US-6142445-\$ or US-6062824-\$ or US-6062823-\$ or US-6059538-\$ or US-6010312-\$ or US-5975859-\$ or US-5964578-\$ or US-5890876-\$ or US-4730986-\$ or US-4428718-\$ or US-5094589-\$ or US-6394761-\$ or US-6352416-\$ or US-6217290-\$ or US-6974311-\$ or US-6213727-\$ or US-5286172-\$ or US-6439858-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/02/12 13:49
S19	1	S18 and "duty ratio"	USPAT; USOCR	OR	OFF	2007/02/12 13:49
S20	7	("4862700"   "4875832"   "5145326"   "5865604"   "5971716"   "6149398"   "6234763").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 17:14
S21	211	417/222.2.ccls. and Pc	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 17:15
S22	6	("4606705"   "5071321"   "5702235"   "5836748"   "5964578"   "6102668").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 17:25

## EAST Search History

S23	38	(US-20020141881-\$ or US-20040057840-\$ or US-20010016168-\$ or US-20030219344-\$ or US-20030145615-\$ or US-20030024257-\$ or US-20030019226-\$ or US-20020182087-\$ or US-20020144512-\$).did. or (US-6688853-\$ or US-5332365-\$ or US-5165863-\$ or US-6146106-\$ or US-6142445-\$ or US-6062824-\$ or US-6062823-\$ or US-6059538-\$ or US-6010312-\$ or US-5975859-\$ or US-5964578-\$ or US-5890876-\$ or US-4730986-\$ or US-4428718-\$ or US-5094589-\$ or US-6394761-\$ or US-6352416-\$ or US-6217290-\$ or US-6974311-\$ or US-6213727-\$ or US-5286172-\$ or US-6439858-\$ or US-5145326-\$ or US-7121811-\$ or US-7021901-\$ or US-6662581-\$). did. or (US-6354811-\$ or US-6302656-\$ or US-5702235-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/02/12 17:44
S24	575	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 17:51
S25	687	(417/222.1).CCLS.	USPAT; USOCR	OR	OFF	2007/02/13 11:30
S26	279	S25 and "control valve"	USPAT; USOCR	OR	OFF	2007/02/13 11:31
S27	1308	(417/269).CCLS.	USPAT; USOCR	OR	OFF	2007/02/13 11:37
S28	541	(417/270).CCLS.	USPAT; USOCR	OR	OFF	2007/02/13 11:33
S29	237	S27 and "control valve"	USPAT; USOCR	OR	OFF	2007/02/13 11:38